

date: 11-29-04

0	6625352.URPN. (((angl\$5 or angular or slant\$3) with fiber) same lens same 15 ferrule) same convex (optical with coupler) same ((angl\$5 or angular or slant\$3) 143 with fiber) same lens ((angl\$5 or angular or slant\$3) with fiber) same lens same 290 ferrule 3 5926592.URPN.	USPAT US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB USPAT	11/12/04 15:47 11/12/04 15:42 11/12/04 15:41 11/12/04 15:41 11/12/04 15:36
5154	((359/641) or (385/31-34,60,74,76-78,80)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	11/12/04 15:33
5355	((359/641,637) or (385/31-34,60,74,76-78,80)).CCLS. ((optical with coupler) same ((angl\$5 or angular or slant\$3) with fiber) same lens) and (((359/641,637) or (385/31- 43 34,60,74,76-78,80)).CCLS.)	US-PGPUB; USPAT; USOCR; IBM_TDB US-PGPUB; USPAT; IBM_TDB	11/12/04 15:33 11/12/04 15:33
4822	((359/641) or (385/31-34,60,74,76-78,80)).CCLS. ((fiber same ferrule same lens same angle) and (((359/641) or (385/31-34,60,74,76-78,80)).CCLS.)) and 50 (back with reflection)	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB	5/13/04 14:24 5/13/04 14:24
1960	50 and (AR with coating) (((fiber same ferrule same lens same angle) and (((359/641) or (385/31-34,60,74,76-78,80)).CCLS.)) and 8 (back with reflection)) and (AR with coating)	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; IBM_TDB	5/13/04 14:24 5/13/04 14:23
1	("6587618").PN. (fiber same ferrule same lens same angle) and (((359/641) 142 or (385/31-34,60,74,76-78,80)).CCLS.)	USPAT US-PGPUB; USPAT; IBM_TDB	5/13/04 13:52 5/13/04 14:23
1	5949939.URPN. ("4790618" "5333224" "5452389" "5537503" "5666450" "5764826" "5841924" "5841932" 10 "5949939" "6053641").PN.	USPAT USPAT	5/13/04 13:51 5/13/04 13:35
5	6179483.URPN. ("4898441" "4966431" "5031983" "5212743" "5317655" "5848203" "5926593" "5930414" 12 "6040944" "6195497" "6198858" "6212305").PN.	USPAT USPAT USPAT	5/13/04 13:22 5/13/04 13:21 5/13/04 13:16
9	6040944.URPN. 5 5195150.URPN. ("3968564" "4292512" "4466696" "4897711" "4934784" "4945400" "5181224" "5195150" "5247597" "5259054" "5337398" "5345529" "5346583" "5434939" "5471552" "5501893" 18 "5742720" "6023546").PN.	USPAT USPAT USPAT	5/13/04 13:15
10	"5346583" "6328482" "2001/0021287").PN. ((fiber same ferrule same lens same angle) same 4 (angle\$2 with polish\$2 with fiber)) and plano\$2convex 9 5815614.URPN.	USPAT US-PGPUB; USPAT; IBM_TDB USPAT	5/13/04 13:13 5/13/04 13:12 5/13/04 13:09
4	("6404951" "6442310" "6483961" "6487334").PN.	USPAT	5/13/04 13:01
4	("6404951" "6442310" "6483961" "6487334").PN.	USPAT	5/13/04 11:37
3	6483961.URPN.	USPAT	5/13/04 11:36

"3492484" "3649105" "4179183" "4421381"		
"4574191" "4598585" "4654663" "4696062"		
"4696545" "4834484" "4834485" "4838637"		
"4859012" "4875756" "4886331" "4922756"		
"4923269" "4993796" "5016072" "5077622"		
"5083857" "5097354" "5172262" "5203208"		
"5226321" "5440654" "5450245" "5488862"		
"5524153" "5536988" "5627669" "5629790"		
"5647033" "5673139" "5822125" "5920417"		
"6000280" "6002818" "6046859" "6097858"		
"6097859" "6097860" "6101299" "6208469"		
45 "6222679").PN.	USPAT	5/13/04 11:28
42 5440654.URPN.	USPAT	5/13/04 11:27
3 6424756.URPN.	USPAT	5/13/04 11:26
("4365863" "4512036" "4580873" "4859012"		
8 "5165104" "5291324" "5440654" "6097859").PN.	USPAT	5/13/04 11:26
42 5440654.URPN.	USPAT	5/13/04 11:23
("4365863" "4580873" "4856863" "4859012"		
"4886335" "5037173" "5359683" "5440654"		
"5488862" "5524153" "5629790" "5648618"		
"5699463" "5727098" "5774604" "5864643"		
"5903687" "5960132" "6002818" "6005993"		
"6097858" "6097859" "6188814" "6253001"		
"6295154" "6327398" "6549692" "6560384"		
30 "6567574" "6587614").PN.	USPAT	5/13/04 11:21
((fiber same ferrule same lens same angle) same		
36 (angle\$2 with polish\$2 with fiber)) and epoxy	US-PGPUB; USPAT; IBM_TDB	5/13/04 11:16
4138 plano\$2convex	US-PGPUB; USPAT; IBM_TDB	5/13/04 11:16
9 5815614.URPN.	USPAT	5/13/04 11:13
824 angle\$2 with polish\$2 with fiber	US-PGPUB; USPAT; IBM_TDB	5/13/04 11:12
(fiber same ferrule same lens same angle) same (angle\$2		
75 with polish\$2 with fiber)	US-PGPUB; USPAT; IBM_TDB	5/13/04 11:12
57 fiber with ferrule with lens with angle	US-PGPUB; USPAT; IBM_TDB	5/13/04 11:11
9 6040944.URPN.	USPAT	5/13/04 11:11
1876 ((359/641,637) or (385/33)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	5/13/04 10:59
307 fiber same ferrule same lens same angle	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:59
7 CALVET-ROBERT-J\$9.in.	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:58
31631 359/641, "637"	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:58
2731 385/33	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:58
3 WALKER-CHRISTOPHER-I\$9.in.	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:56
0 SCHMIDTLIN-EDOUARD\$9.in.	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:56
5 VANZANDT-THOMAS-r\$9.in.	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:55
13 GUTIERREZ-ROMAN-C\$9.in. and fiber	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:54
(fiber with collimator) same angle\$3 same ferrule same		
19 couple\$5	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:52
32 GUTIERREZ-ROMAN-C\$9.in.	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:52
2261 fiber with collimator	US-PGPUB; USPAT; IBM_TDB	5/13/04 10:38